

Soil (Pedosphere) Investigation

Soil Moisture Data Sheet - Star Pattern

* Required Field

Study Site: _____

Observer names: _____

Date samples collected: Year: _____ Month: _____ Day: _____

Local Time: ____:____ (Hours:Min) UT: ____:____ (Hours:Min)

Soil State: (check one) *

Measureable Frozen ground Snow on ground Graupel on ground

Hail on Ground Frozen water on ground

Note: If Measureable is selected, continue below; all other selections stop here.

Drying Method: (check one) 95-105° C oven 75-95° C oven other _____

Average drying time: Hours/minutes _____

Bearing from Star Center (optional): _____ Distance from Star Center: _____

Observations: _____

Near-Surface Samples:

			A	B	C	(A-B)/(B-C)
0-5 cm	Container ID#	Container Volume (mL) (Optional)	Mass of wet soil and container (wet mass) (g)	Mass of dry soil and container (dry mass) (g)	Mass of empty container (g)	Soil Water Content (from calculations) (g/g)
Sample 1						
Sample 2						
Sample 3						

			A	B	C	(A-B)/(B-C)
10 cm	Container ID#	Container Volume (mL) (Optional)	Mass of wet soil and container (wet mass) (g)	Mass of dry soil and container (dry mass) (g)	Mass of empty container (g)	Soil Water Content (from calculations) (g/g)
Sample 1						
Sample 2						
Sample 3						